

[METHODS FOR THE PRODUCTION OF MARBLE-LIKE CRYSTALLIZED GLASS PANEL WITH EMBOSSED SURFACE]

Abstract

Methods of producing crystallized glass panel (or the same) having an embossed surface to a regular or irregular pattern, thereby producing a stereoscopic aspect and a less slippery surface. In a crystallized glass article consisting of crystallized glass particles (bits or pieces) fusion bonded together, the thickness of the article can be determined by the density of glass particles packed in the mold. Therefore, by preparing different size of glass particles in the mold in different areas can produce glass article with various thickness and result un-even surface. Moreover, in controlling the process of flow deformation can produce glass article with embossed surface. The glass particles can be $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-CaO}$, $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-CaO-ZnO}$, or any other crystallizable glass.